

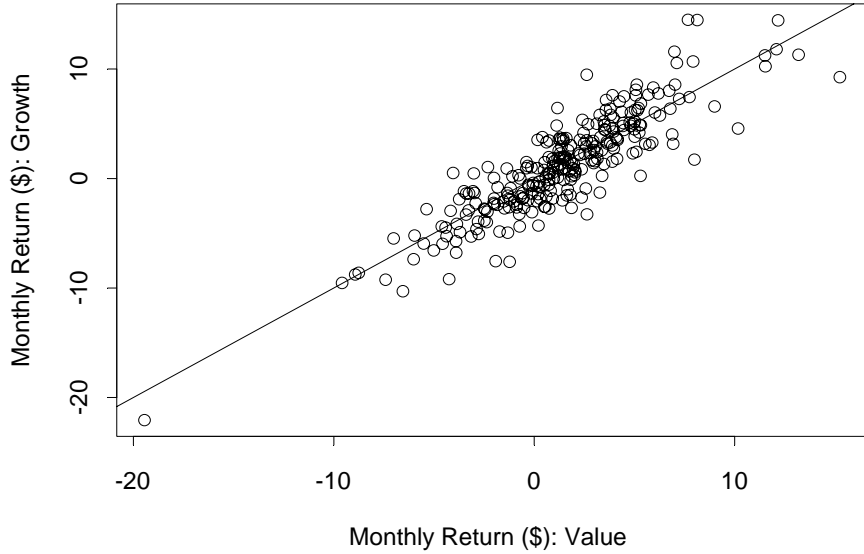
Histograms indicate that returns from both stock types follow a roughly symmetric distribution. Growth stocks appear to be subject to greater variability --- something that is more readily assessed with the summary statistics (next). Given symmetry we expect mean and median to be roughly equal for both histograms.

## Summary Statistics

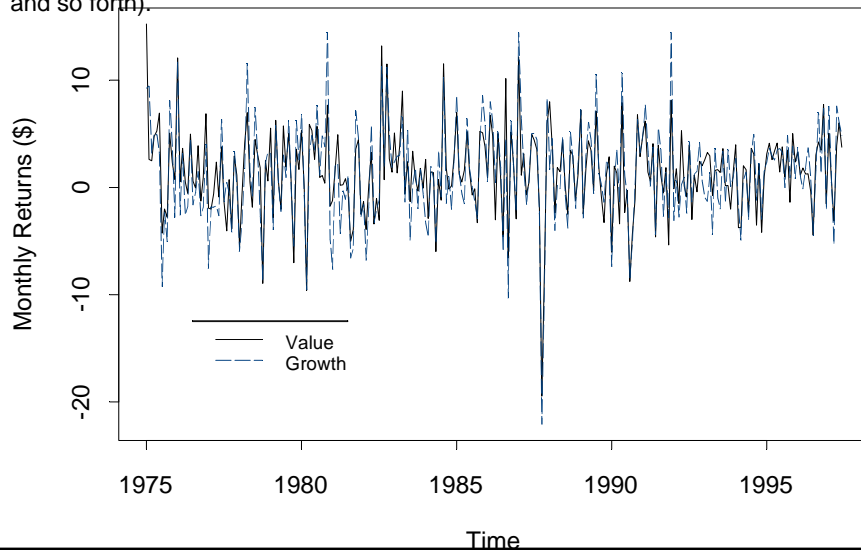
	Min.	Q1	Median	Mean	Q3	Max.	SDev	CofVar
Value	-19.5	-0.7	1.4	1.4	3.8	15.2	4.0	2.8
Growth	-22.1	-1.7	1.3	1.2	3.8	14.5	4.6	3.7
(V-G)	-6.8	-1.2	0.3	0.2	1.4	6.4	2.2	11.3

All values (except CofVar [Coefficient of variation]) are in dollars/month.

Scatter plot reveals a positive linear association between these two variables. While there is one outlier (approximately at: -20,-20) it is unlikely to affect the correlation coefficient between these two variables. Line superimposed corresponds to the one-to-one line: points falling on this line indicate exactly equal returns from the two stock types.



The time series plot indicates that both stock types are subject to roughly the same external influences: when one shoots up/down the other one tends to as well, and roughly in lock-step. Though clearly there are exceptions (more clearly shown on the scatter plot and the histogram of their difference). A more in depth analysis would try correlate the external events with seasonal events (certain months, days of the week and so forth).



This time series plot focuses in upon the difference of returns between the value and the growth stocks (Value – Growth), plotting that difference as a function of time. When the trend line appears above the red line “Value wins” (outperforms its Growth counterpart) and vice versa. More in depth analysis would try identify cyclical patterns.

